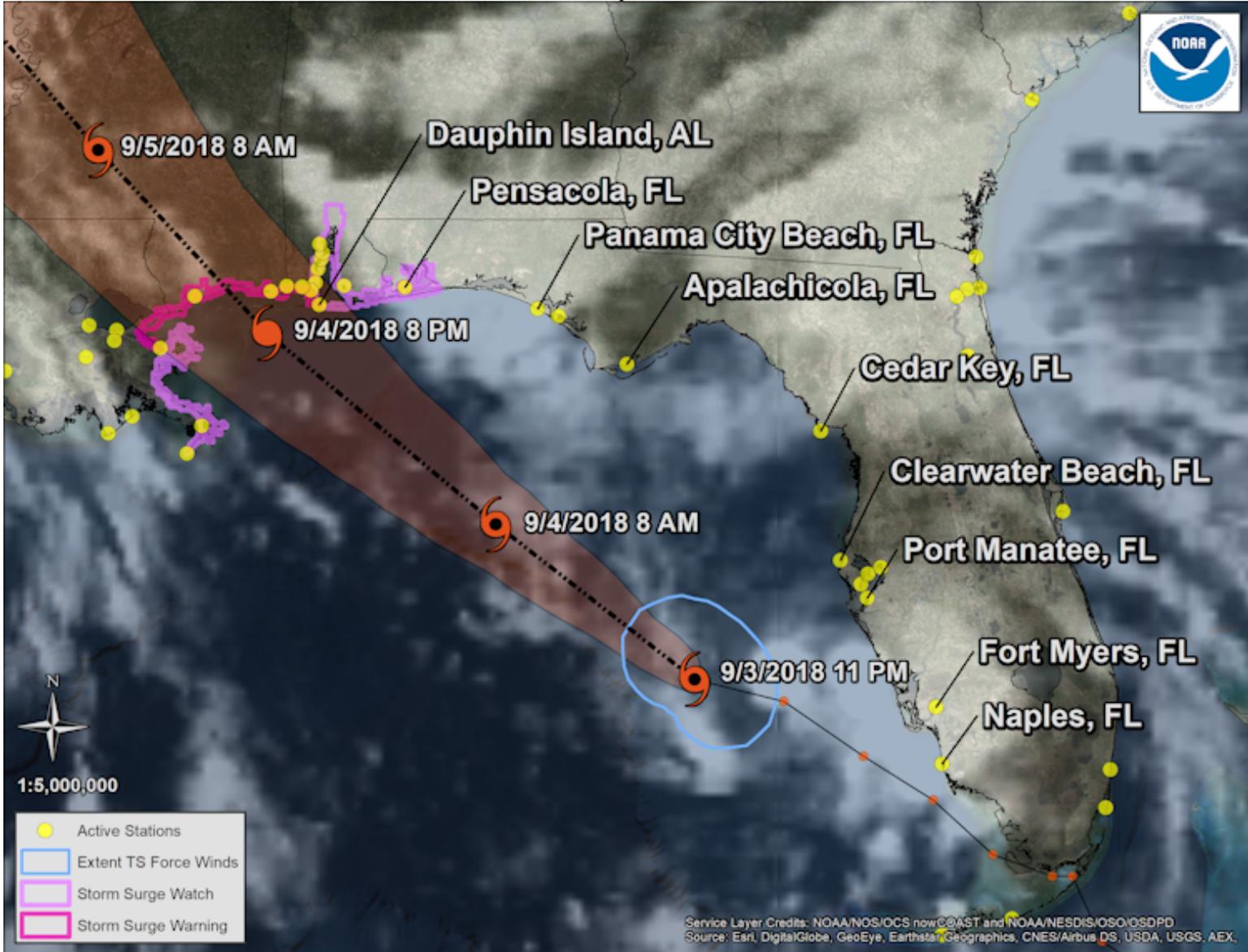




Tropical Storm Gordon QuickLook
 Posted: 00:00 EDT 09/04/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/04/2018 00:00 EDT, water levels within Central and Southern Florida are at or near normal tide levels and are elevated along the Florida Panhandle and Alabama coasts, ranging from 0.6 ft to 1.2 feet above normal tide levels. Winds remain breezy along the Central and Southern Florida coastlines. Winds are slightly higher from Apalachicola, FL westward, with gusts up to 25 knots at Dauphin Island, AL. Barometric pressure remains normal across the region while Gordon remains offshore.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: CF

Select National Hurricane Center Advisory Information:

Tropical Storm Gordon Advisory Number 7
1100 PM EDT Mon Sep 03 2018

...GORDON MOVING QUICKLY ACROSS THE EASTERN GULF OF MEXICO...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

None

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

* Shell Beach to Dauphin Island

A Storm Surge Watch is in effect for...

* West of Shell Beach to the Mouth of the Mississippi River

* East of Dauphin Island to Navarre

A Hurricane Warning is in effect for...

* Mouth of the Pearl River to the Alabama-Florida Border

A Tropical Storm Warning is in effect for...

* West of the Mouth of the Pearl River to east of Morgan City, Louisiana, including Lake Pontchartrain and Lake Maurepas

* Alabama-Florida Border to Okaloosa-Walton County Line

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and property should be rushed to completion.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning areas.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND OUTLOOK

At 1100 PM EDT (0300 UTC), the center of Tropical Storm Gordon was located near latitude 26.9 North, longitude 84.3 West. Gordon is moving toward the west-northwest near 17 mph (28 km/h). A west-northwestward to northwestward motion with some decrease in forward speed is expected over the next few days. On the forecast track, the center of Gordon will move across the eastern Gulf of Mexico tonight and Tuesday, and will approach the north-central Gulf Coast within the warning area late Tuesday afternoon or evening, and move inland over the lower Mississippi Valley on Wednesday.

Maximum sustained winds are near 60 mph (95 km/h) with higher gusts. Gradual strengthening is expected during the next 24 hours, and Gordon is forecast to be a hurricane when it makes landfall along the north-central Gulf Coast. Rapid weakening is expected after Gordon moves inland.

Tropical-storm-force winds extend outward up to 60 miles (95 km) from the center.

The estimated minimum central pressure is 1003 mb (29.62 inches).

HAZARDS AFFECTING LAND

STORM SURGE: The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Shell Beach to Dauphin Island, Alabama...3 to 5 ft.

Navarre Florida to Dauphin Island, including Mobile Bay...2 to 4 ft.

Shell Beach to the Mouth of Mississippi River...2 to 4 ft.

Mouth of the Mississippi River to the Louisiana-Texas border...1 to 2 ft.

The deepest water will occur along the immediate coast near and to the east of the landfall location, where the surge will be accompanied by large waves. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

RAINFALL: Gordon is expected to produce additional rain accumulations around 1 inch, with isolated heavier amounts through Tuesday over the northwestern Bahamas and south Florida. Isolated maximum storm-total amounts of 7 inches are possible.

Gordon is expected to produce total rain accumulations of 4 to 8 inches over southwest Alabama, southern and central Mississippi, southeastern and northeastern Louisiana, and southeast Arkansas, with isolated maximum amounts of 12 inches through late Thursday.

This rainfall may cause flash flooding.

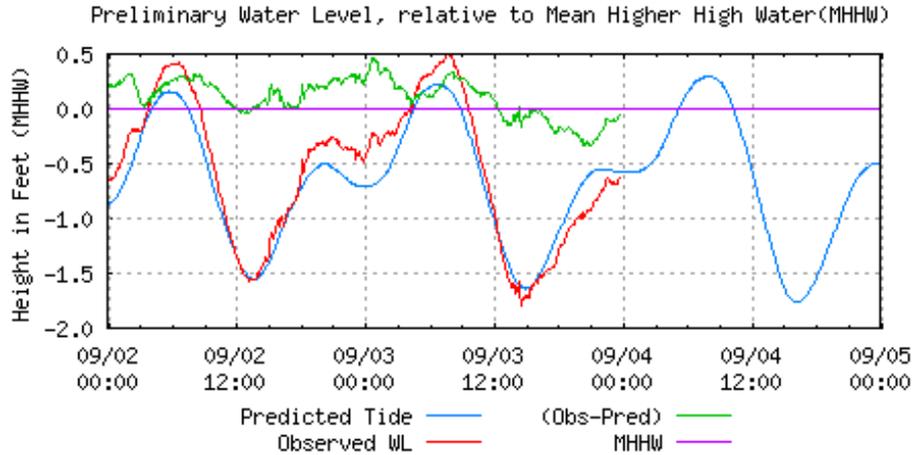
WIND: Tropical storm conditions are expected to begin Tuesday afternoon within portions of the warning area, with hurricane conditions expected by Tuesday evening in the hurricane warning area.

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Manatee - Water Level](#), [Port Manatee - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City Beach - Water Level](#), [Panama City Beach - Winds](#), [Panama City Beach - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Fort Myers, Caloosahatchee River - Water Level](#), [Fort Myers, Caloosahatchee River - Winds](#), [Fort Myers, Caloosahatchee River - Barometric](#), [Naples, Gulf of Mexico - Water Level](#), [Naples, Gulf of Mexico - Winds](#), [Naples, Gulf of Mexico - Barometric](#)

NOAA/NOS/CO-OPS 8726384 Port Manatee, FL



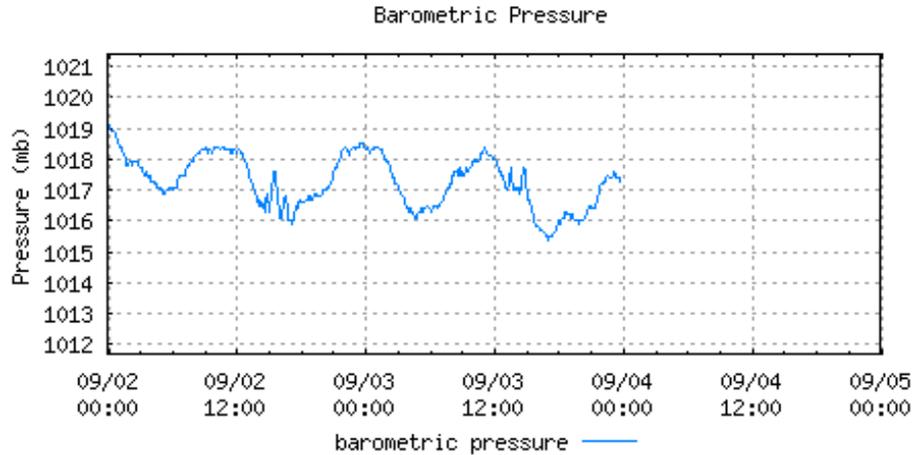
Last Observed Sample: 09/03/2018 23:48 (EDT). Data relative to MHHW

Observed: -0.63 ft. Predicted: -0.58 ft. Residual: -0.05 ft.

Historical Maximum Water Level: Sep 2 2016, 2.34 ft.

Next High Tide: 09/04/2018 07:57 (EDT), 0.29 ft.

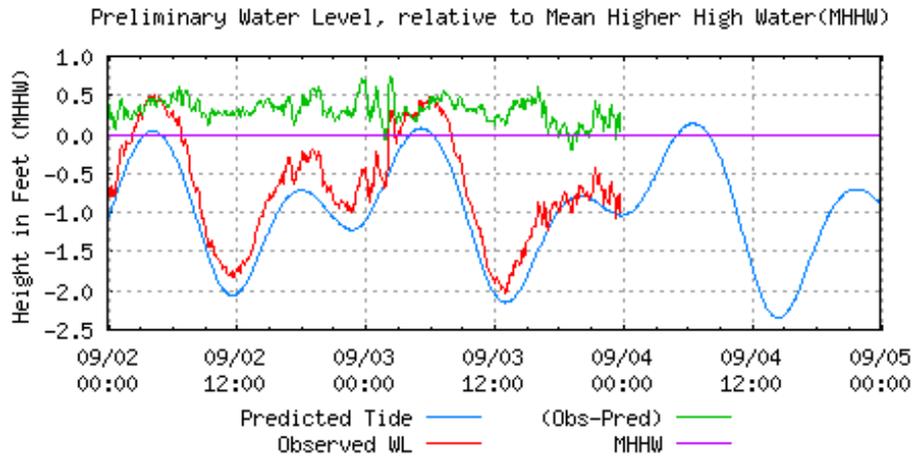
NOAA/NOS/CO-OPS 8726384 Port Manatee, FL



Last Observed Sample: 09/03/2018 23:48 (EDT)

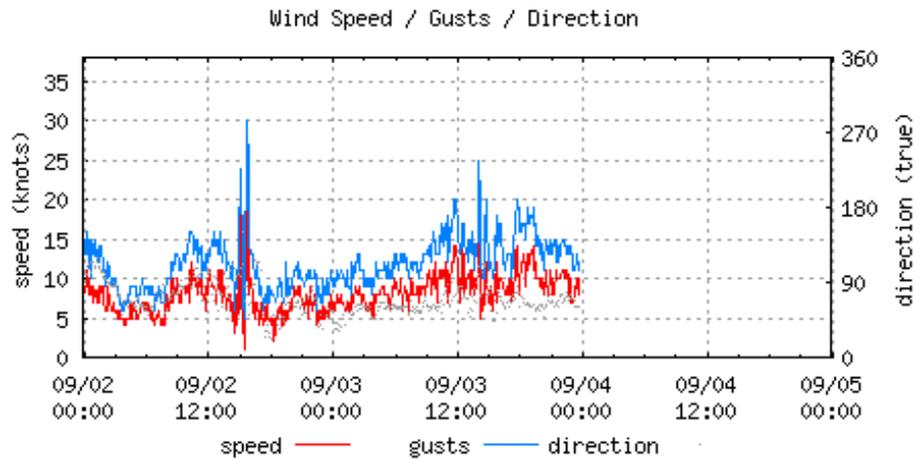
Barometric Pressure: 1017.3 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



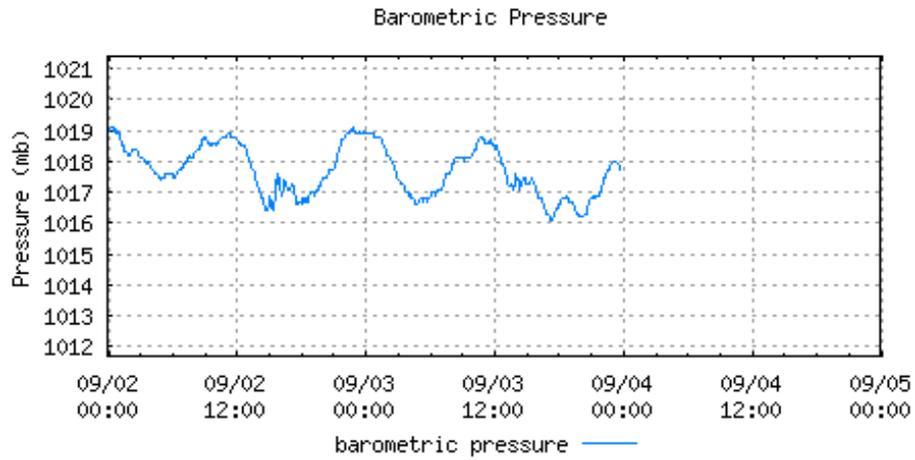
Last Observed Sample: 09/03/2018 23:42 (EDT). Data relative to MHHW
Observed: -0.76 ft. Predicted: -1.04 ft. Residual: 0.28 ft.
 Historical Maximum Water Level: Mar 13 1993, 4.00 ft.
 Next High Tide: 09/04/2018 06:27 (EDT), 0.14 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 09/03/2018 23:42 (EDT)
Wind Speed: 10 knots Gusts: 12 knots Direction: 60° T

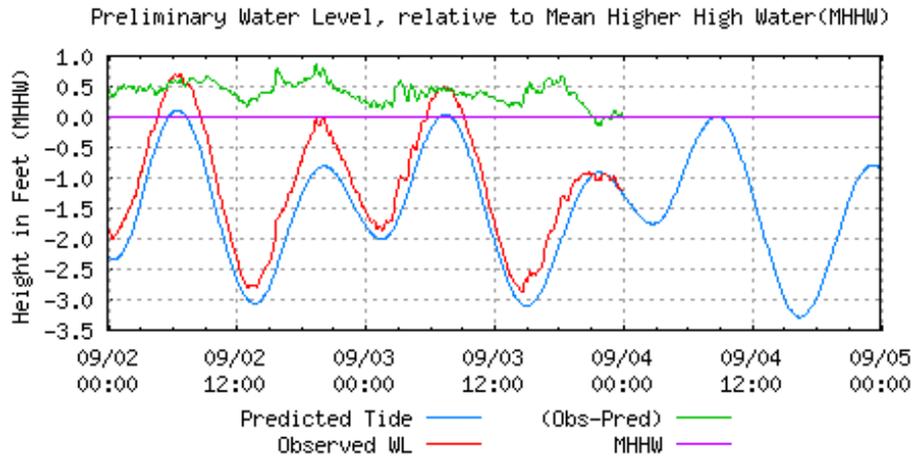
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 09/03/2018 23:42 (EDT)

Barometric Pressure: 1017.7 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



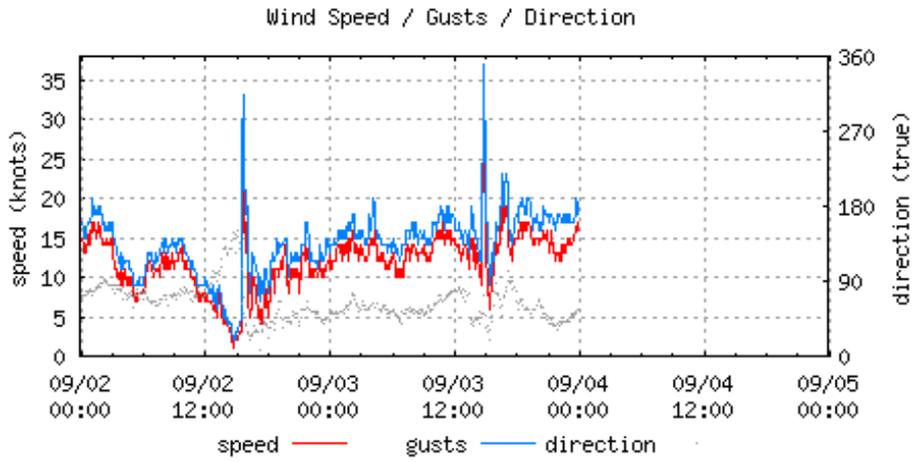
Last Observed Sample: 09/03/2018 23:54 (EDT). Data relative to MHHW

Observed: -1.21 ft. Predicted: -1.26 ft. Residual: 0.05 ft.

Historical Maximum Water Level: Sep 2 2016, 5.98 ft.

Next High Tide: 09/04/2018 08:40 (EDT), 0.00 ft.

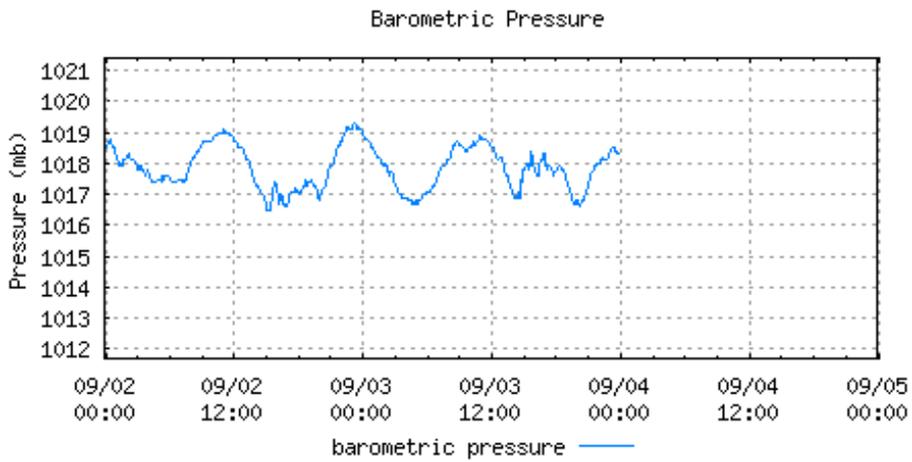
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/03/2018 23:54 (EDT)

Wind Speed: 16 knots Gusts: 18 knots Direction: 56° T

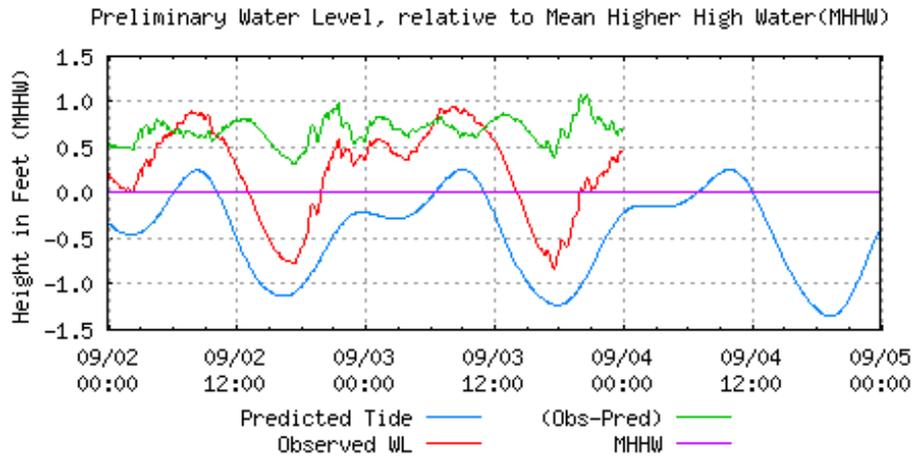
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/03/2018 23:54 (EDT)

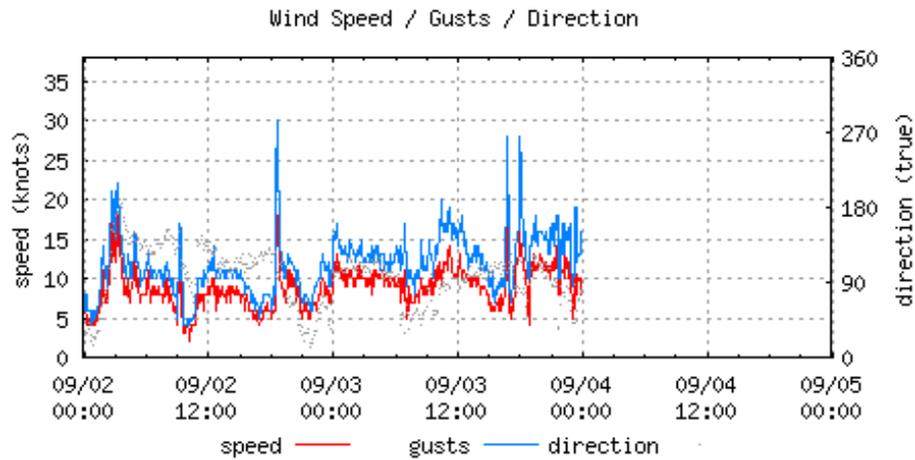
Barometric Pressure: 1018.3 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



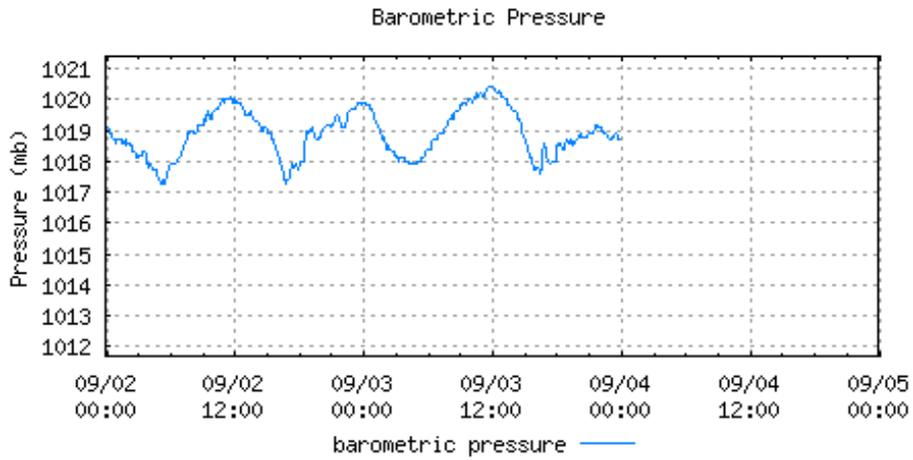
Last Observed Sample: 09/03/2018 23:54 (EDT). Data relative to MHHW
Observed: 0.45 ft. Predicted: -0.23 ft. Residual: 0.68 ft.
Historical Maximum Water Level: Jul 10 2005, 6.43 ft.
Next High Tide: 09/04/2018 09:53 (EDT), 0.25 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 09/03/2018 23:54 (EDT)
Wind Speed: 8 knots Gusts: 16 knots Direction: 81° T

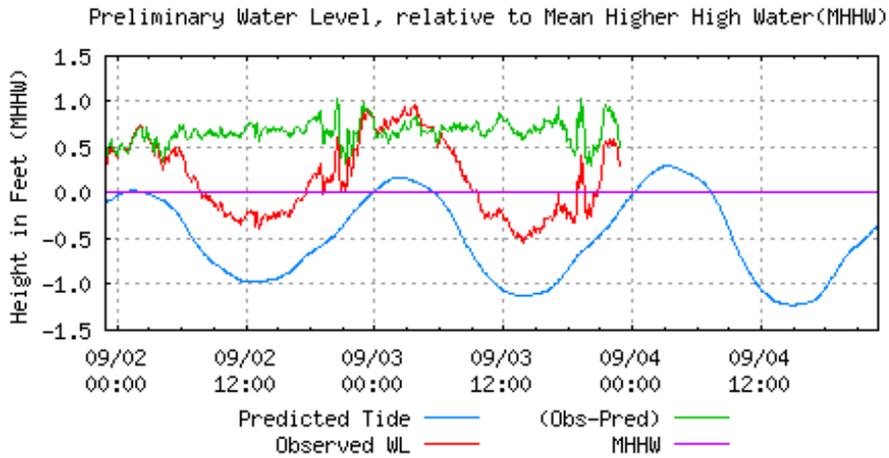
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 09/03/2018 23:54 (EDT)

Barometric Pressure: 1018.7 mb

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



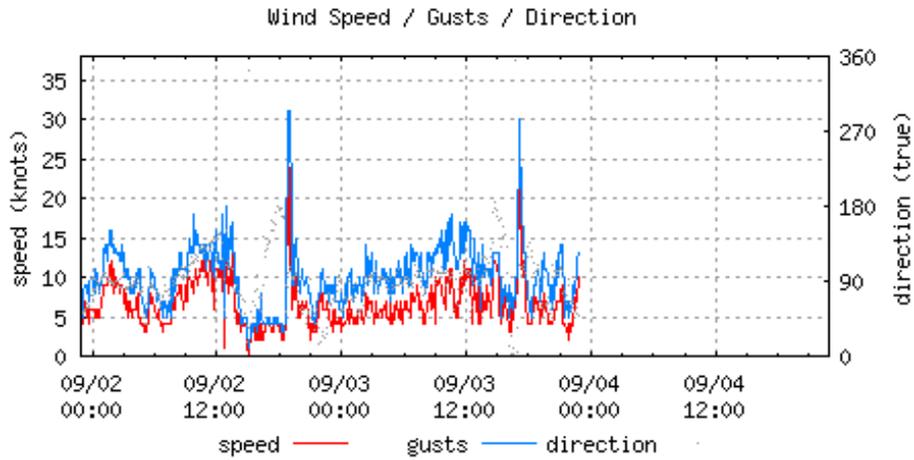
Last Observed Sample: 09/03/2018 22:48 (CDT). Data relative to MHHW

Observed: 0.30 ft. Predicted: -0.20 ft. Residual: 0.50 ft.

Historical Maximum Water Level: Oct 4 1995, 6.84 ft.

Next High Tide: 09/04/2018 03:16 (CDT), 0.29 ft.

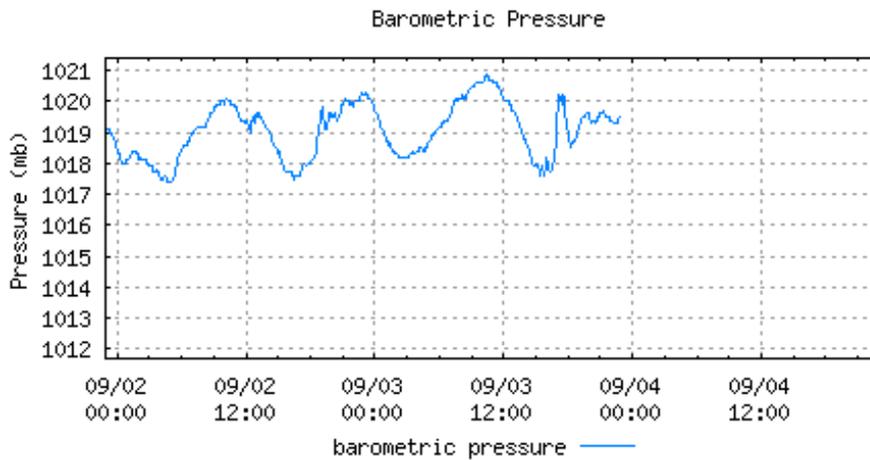
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 09/03/2018 22:48 (CDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 48° T

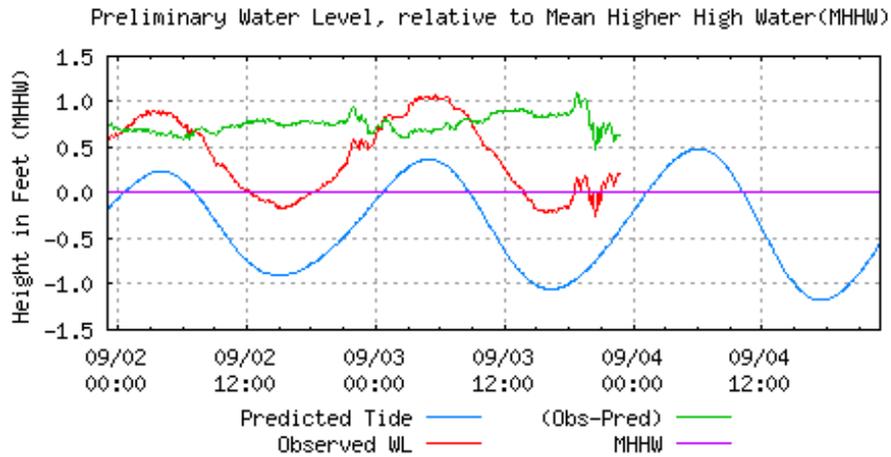
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 09/03/2018 22:48 (CDT)

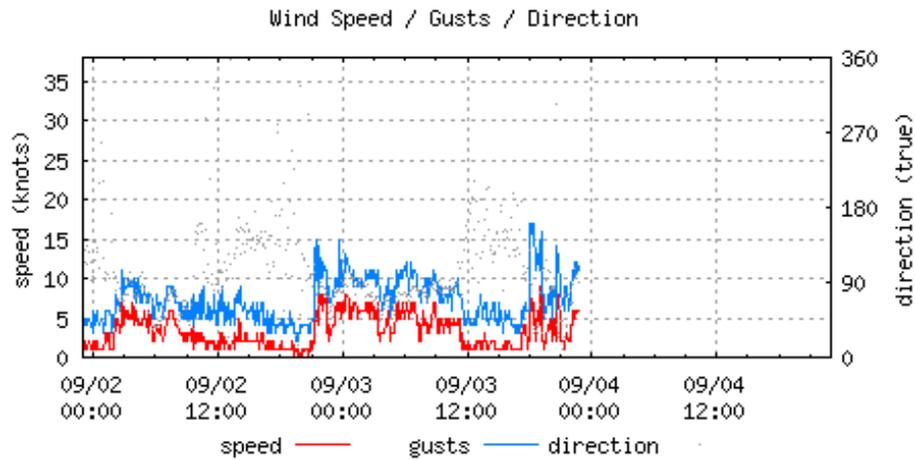
Barometric Pressure: 1019.5 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/03/2018 22:42 (CDT). Data relative to MHHW
Observed: 0.21 ft. Predicted: -0.42 ft. Residual: 0.63 ft.
 Historical Maximum Water Level: Sep 16 2004, 9.54 ft.
 Next High Tide: 09/04/2018 06:04 (CDT), 0.49 ft.

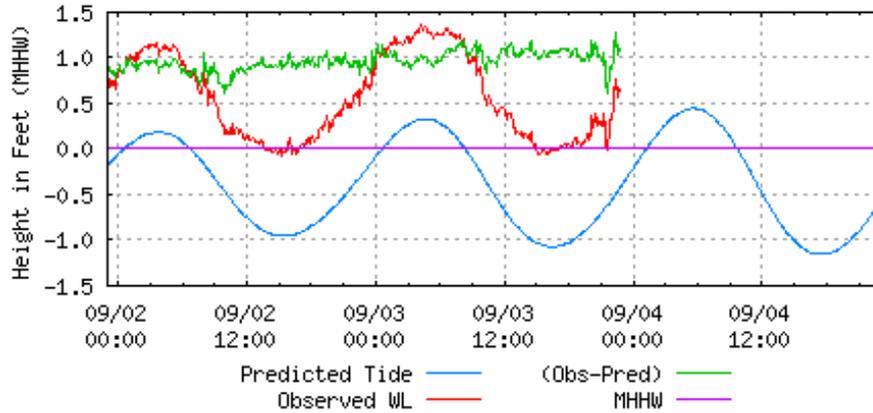
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/03/2018 22:42 (CDT)
Wind Speed: 6 knots Gusts: 11 knots Direction: 89° T

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

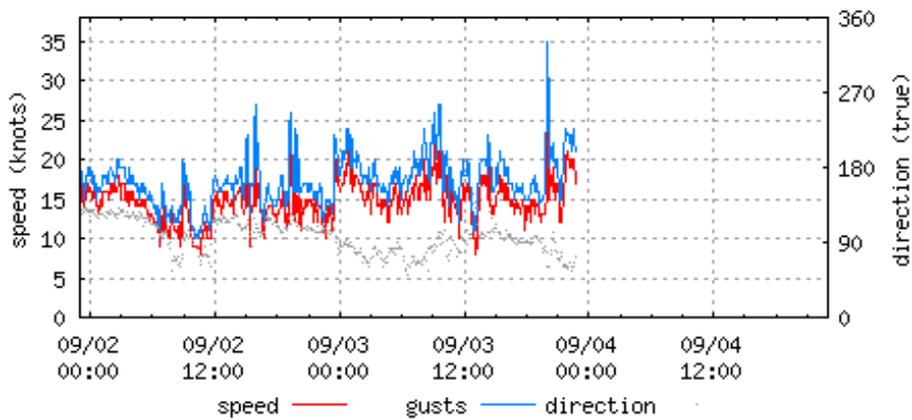
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/03/2018 22:42 (CDT). Data relative to MHHW
Observed: 0.64 ft. Predicted: -0.43 ft. Residual: 1.07 ft.
 Historical Maximum Water Level: Sep 12 1979, 7.96 ft.
 Next High Tide: 09/04/2018 05:37 (CDT), 0.44 ft.

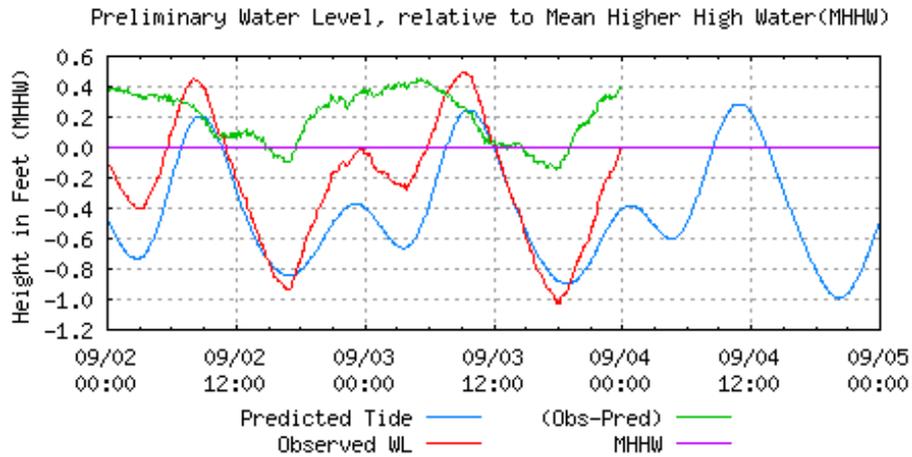
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Wind Speed / Gusts / Direction



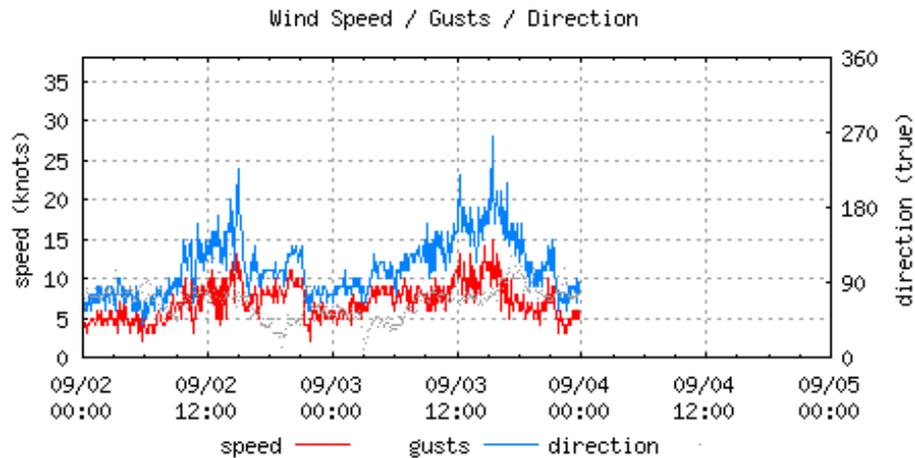
Last Observed Sample: 09/03/2018 22:42 (CDT)
Wind Speed: 17 knots Gusts: 21 knots Direction: 72° T

NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



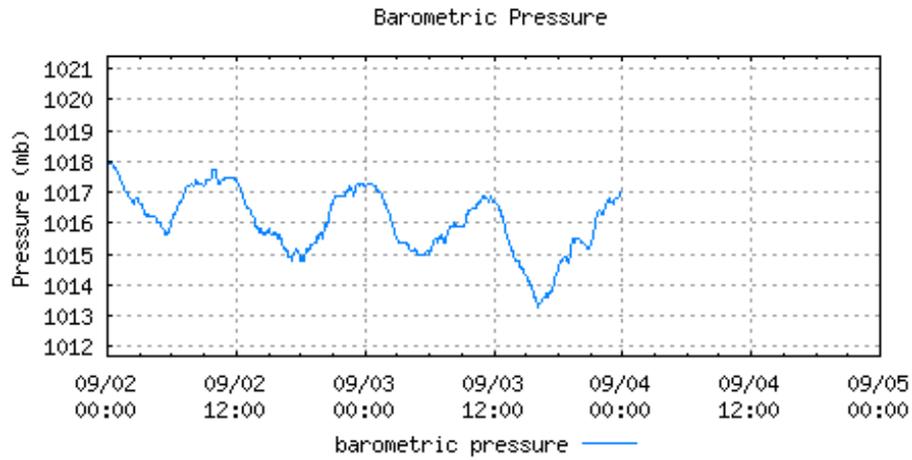
Last Observed Sample: 09/03/2018 23:48 (EDT). Data relative to MHHW
Observed: -0.02 ft. Predicted: -0.42 ft. Residual: 0.40 ft.
 Historical Maximum Water Level: Nov 23 1988, 3.41 ft.
 Next High Tide: 09/04/2018 00:43 (EDT), -0.38 ft.

NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



Last Observed Sample: 09/03/2018 23:48 (EDT)
Wind Speed: 5 knots Gusts: 8 knots Direction: 75° T

NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL

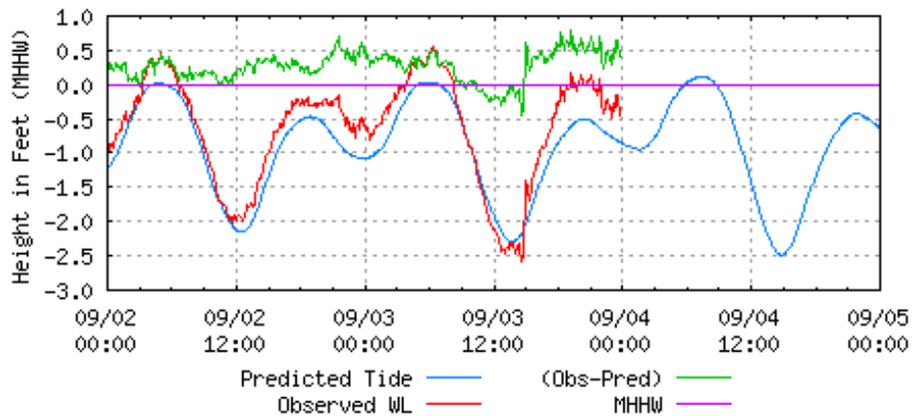


Last Observed Sample: 09/03/2018 23:48 (EDT)

Barometric Pressure: 1017.0 mb

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



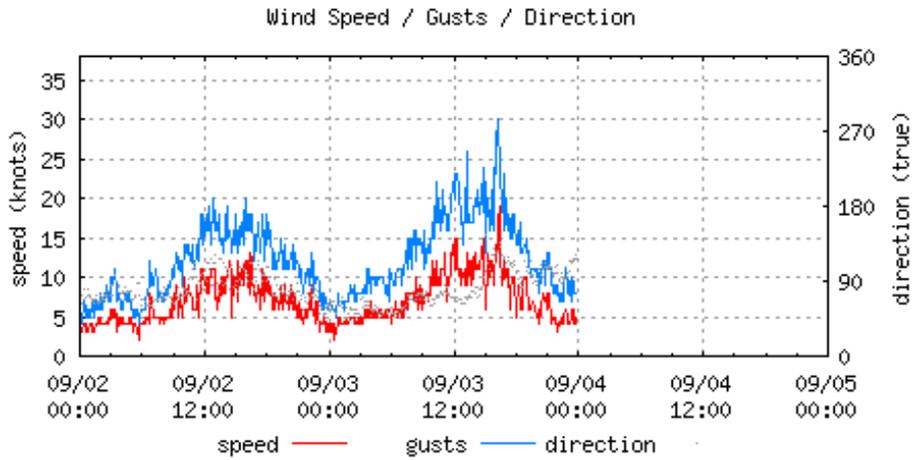
Last Observed Sample: 09/03/2018 23:48 (EDT). Data relative to MHHW

Observed: -0.45 ft. Predicted: -0.85 ft. Residual: 0.40 ft.

Historical Maximum Water Level: Sep 10 2017, 4.02 ft.

Next High Tide: 09/04/2018 07:27 (EDT), 0.11 ft.

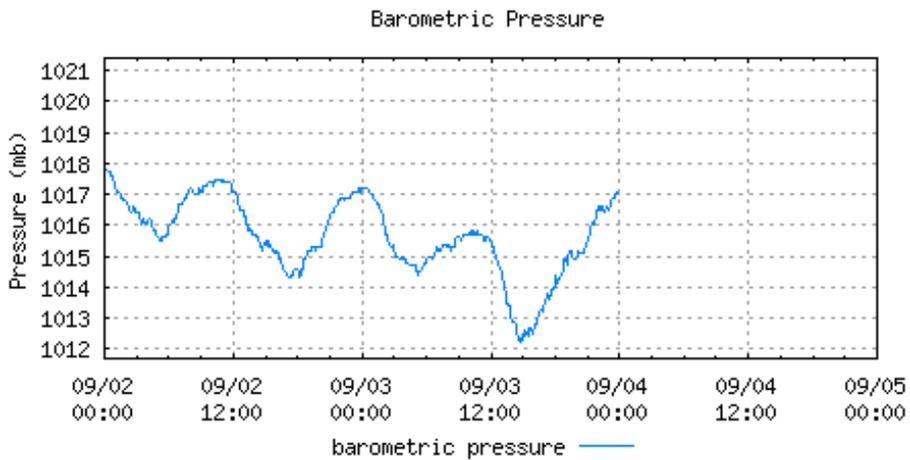
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 09/03/2018 23:48 (EDT)

Wind Speed: 5 knots Gusts: 8 knots Direction: 122° T

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 09/03/2018 23:48 (EDT)

Barometric Pressure: 1017.1 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8726384	Port Manatee, FL	09/03/2018 23:48 (EDT)	-0.63 ft	-0.58 ft	-0.05 ft	0.49 ft
8726724	Clearwater Beach, FL	09/03/2018 23:42 (EDT)	-0.76 ft	-1.04 ft	0.28 ft	0.49 ft
8727520	Cedar Key, FL	09/03/2018 23:54 (EDT)	-1.21 ft	-1.26 ft	0.05 ft	0.49 ft
8728690	Apalachicola, FL	09/03/2018 23:54 (EDT)	0.45 ft	-0.23 ft	0.68 ft	0.95 ft
8729210	Panama City Beach, FL	09/03/2018 22:48 (CDT)	0.30 ft	-0.20 ft	0.50 ft	0.96 ft
8729840	Pensacola, FL	09/03/2018 22:42 (CDT)	0.21 ft	-0.42 ft	0.63 ft	1.07 ft
8735180	Dauphin Island, AL	09/03/2018 22:42 (CDT)	0.64 ft	-0.43 ft	1.07 ft	1.36 ft
8725520	Fort Myers, Caloosahatchee River, FL	09/03/2018 23:48 (EDT)	-0.02 ft	-0.42 ft	0.40 ft	0.49 ft
8725110	Naples, Gulf of Mexico, FL	09/03/2018 23:48 (EDT)	-0.45 ft	-0.85 ft	0.40 ft	0.54 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
 National Oceanic and Atmospheric Administration | U.S. Department of Commerce